

AMENDMENTS

IN THE CLAIMS

Under 37 C.F.R. § 1.121(c)(1)(i), please rewrite claims 9 and 20-21 as follows:

Sub E1

9. (Twice Amended) A method for producing commercially valuable compounds, said method comprising the steps of producing a fertile transgenic plant by introducing into plant cells a DNA construct comprising a promoter, a blocking sequence, and a structural gene coding for a compound that is detrimental to the plant and is commercially valuable, said blocking sequence being flanked by a pair of directly repeated site-specific recombination sequences and wherein the structural gene is operably linked to the promoter only after the removal of said blocking sequence, and culturing the plant cells to produce the transgenic plant;

fertilizing said transgenic plant to produce transgenic plants that are homozygous for the gene encoding said compound;

crossing said transgenic plant homozygous for the gene encoding said compound with a plant having a DNA sequence comprising a gene encoding a site-specific recombinase that recognizes said site-specific recombination sequences to produce an F1 plant or seed;

expressing the recombinase in the F1 plant or seed;

expressing the compound; and

extracting the compound.

D1

D2 Sub G1

20. (Amended) The method of claim 9 wherein the expressing the compound step occurs in the F1 plant or seed.

step 5b

Daniel 9
91 year

21. (Amended) The method of claim 20 wherein the extracting step comprises extracting the compound from the F1 plant or seed.

Please add the following new claim:

D. B. O.

24. (New) The method of claim 9 wherein the step of fertilizing said transgenic plant to produce plants that are homozygous for the gene encoding said compound comprises self-pollination.